

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claims 1 to 11 (Canceled)

12. (New) A method for transmitting a short message in a fixed network, comprising:
modulating a Short Message Service (SMS) signal to be transmitted by a frequency shift keying (FSK), wherein the frequency shift keying modulation is performed by a suitably programmed computer.
13. (New) A method for receiving a short message (SM) in a fixed network,
receiving a Short Message Service (SMS) signal;
modulating the Short Message Service (SMS) signal by a frequency shift keying (FSK);
demodulating the Short Message Service (SMS) signal, wherein the demodulation is performed by a suitably programmed computer.
14. (New) The method as recited in claim 12, wherein the computer at least partially takes over the communications control.
15. (New) The method as recited in claim 12, further comprising:
using a voice-capable modem for communication with a Short Message Service Center (SMSC).
16. (New) The method as recited in claim 12, wherein the signal transmission takes place at a rate of 1200 bit/s.
17. (New) The method as recited in claim 13, wherein the computer at least partially takes over the communications control.
18. (New) The method as recited in claim 13, further comprising:

using a voice-capable modem for communication with a Short Message Service Center (SMSC).

19. (New) The method as recited in claim 13, wherein the signal transmission takes place at a rate of 1200 bit/s.

20. (New) A device for transmitting a short message (SM) in a fixed network, comprising:
a computer programmed to be able to perform a frequency shift keying modulation, wherein the device being set up so that, using a frequency shift keying (FSK), it modulates a Service Message Service (SMS) signal to be transmitted.

21. (New) The device as recited in claim 20, wherein the computer is set up so that it can at least partially take over the communications control.

22. (New) The device as recited in claim 20, further comprising a voice-capable modem for communication with a Short Message Service Center (SMSC).

23. (New) The device as recited in claim 20, wherein the computer has an ISDN card.

24. (New) A device for receiving a short message (SM) in a fixed network, comprising:
a computer programmed to be able to demodulate a Signal Message Service (SMS) signal to be received that was modulated by a frequency shift keying (FSK).

25. (New) The device as recited in claim 24, wherein the computer is set up so that it can at least partially take over communications control.

26. (New) The device as recited in claim 24, further comprising a voice-capable modem for communication with a Short Message Service Center (SMSC).

27. (New) The device as recited in claim 24, wherein the computer has an ISDN card.

28. (New) A device for transmitting and receiving a short message (SM) in a fixed network, comprising:

a computer programmed to be able to perform a modulation, using frequency shift keying (FSK), of a Short Message Service (SMS) signal to be transmitted, and is able to perform a demodulation of the Short Message Service (SMS) signal to be received that was modulated by the frequency shift keying (FSK).

29. (New) The device as recited in claim 28, wherein the computer is set up so that it can at least partially take over the communications control.

30. (New) The device as recited in claim 28, further comprising a voice-capable modem for communication with a Short Message Service Center (SMSC).

31. (New) The device as recited in claim 28, wherein the computer has an ISDN card.